

256 *Mr. Hind, Ephemeris of Winnecke's Comet.*

same research, or who propose ordering any contrivance of this kind, to pause until M. Foucault's arrangement is made known.

I should add, that I have M. Foucault's permission to make the above communication to the Royal Astronomical Society.

London, June, 1863.

Ephemeris of Winnecke's Comet of Short Period, about the Time of Perihelion Passage, 1863. By J. R. Hind, Esq.

(From Dr. Seeling's Elements, *Ast. Nach.* No. 1319.)

Greenwich Mean Midnight.	R.A.	Decl.	Log. Dist. from Earth.	Log. Dist. from Sun.
1863.	h m	m	° ' "	° ' "
Nov. 2	15 9 ^h 1 ^m	+19 ^h 7 ^m	0 ^h 25 ^m 69 ^s	9 ^h 92 ^m 65 ^s
6	15 28 ^h 8 ^m	20 ^h 7 ^m	0 ^h 24 ^m 92 ^s	9 ^h 91 ^m 34 ^s
10	15 49 ^h 5 ^m	21 ^h 6 ^m	0 ^h 24 ^m 20 ^s	9 ^h 90 ^m 23 ^s
14	16 11 ^h 1 ^m	22 ^h 5 ^m	0 ^h 23 ^m 54 ^s	9 ^h 89 ^m 38 ^s
18	16 33 ^h 6 ^m	23 ^h 3 ^m	0 ^h 22 ^m 96 ^s	9 ^h 88 ^m 82 ^s
22	16 56 ^h 9 ^m	23 ^h 8 ^m	0 ^h 22 ^m 47 ^s	9 ^h 88 ^m 60 ^s
26	17 20 ^h 7 ^m	24 ^h 3 ^m	0 ^h 22 ^m 08 ^s	9 ^h 88 ^m 71 ^s
30	17 45 ^h 0 ^m	24 ^h 7 ^m	0 ^h 21 ^m 80 ^s	9 ^h 89 ^m 16 ^s
Dec. 4	18 9 ^h 7 ^m	24 ^h 8 ^m	0 ^h 21 ^m 63 ^s	9 ^h 89 ^m 91 ^s
8	18 34 ^h 5 ^m	24 ^h 7 ^m	0 ^h 21 ^m 59 ^s	9 ^h 90 ^m 94 ^s
12	18 59 ^h 2 ^m	24 ^h 3 ^m	0 ^h 21 ^m 69 ^s	9 ^h 92 ^m 19 ^s
16	19 23 ^h 5 ^m	23 ^h 8 ^m	0 ^h 21 ^m 92 ^s	9 ^h 93 ^m 61 ^s
20	19 47 ^h 3 ^m	23 ^h 1 ^m	0 ^h 22 ^m 29 ^s	9 ^h 95 ^m 16 ^s
24	20 10 ^h 4 ^m	22 ^h 2 ^m	0 ^h 22 ^m 78 ^s	9 ^h 96 ^m 80 ^s
28	20 32 ^h 6 ^m	22 ^h 53 ^m	0 ^h 23 ^m 39 ^s	9 ^h 98 ^m 50 ^s
1864.				
Jan. 1	20 53 ^h 9 ^m	22 ^h 3 ^m	0 ^h 24 ^m 11 ^s	0 ^h 00 ^m 22 ^s
5	21 14 ^h 3 ^m	19 ^h 3 ^m	0 ^h 24 ^m 92 ^s	0 ^h 01 ^m 94 ^s
9	21 33 ^h 6 ^m	18 ^h 3 ^m	0 ^h 25 ^m 82 ^s	0 ^h 03 ^m 64 ^s
13	21 51 ^h 9 ^m	17 ^h 4 ^m	0 ^h 26 ^m 79 ^s	0 ^h 05 ^m 32 ^s
17	22 9 ^h 3 ^m	16 ^h 5 ^m	0 ^h 27 ^m 81 ^s	0 ^h 06 ^m 96 ^s
21	22 25 ^h 8 ^m	15 ^h 6 ^m	0 ^h 28 ^m 88 ^s	0 ^h 08 ^m 56 ^s
25	22 41 ^h 4 ^m	13 ^h 47 ^m	0 ^h 29 ^m 98 ^s	0 ^h 10 ^m 12 ^s
29	22 56 ^h 2 ^m	12 ^h 31 ^m	0 ^h 31 ^m 09 ^s	0 ^h 11 ^m 63 ^s
Feb. 2	23 10 ^h 3 ^m	11 ^h 15 ^m	0 ^h 32 ^m 22 ^s	0 ^h 13 ^m 09 ^s
6	23 23 ^h 6 ^m	10 ^h 0 ^m	0 ^h 33 ^m 36 ^s	0 ^h 14 ^m 50 ^s
10	23 36 ^h 3 ^m	8 ^h 48 ^m	0 ^h 34 ^m 49 ^s	0 ^h 15 ^m 87 ^s
14	23 48 ^h 5 ^m	7 ^h 19 ^m	0 ^h 35 ^m 61 ^s	0 ^h 17 ^m 19 ^s

By Dr. Seeling's elements (neglecting perturbations, which, during the present revolution, are likely to be small) the Comet should arrive at perihelion on Nov. 23.178 Mean Time at Greenwich.

Nautical Almanac Office,
1863, July 1.

A note on the Eclipse of the Moon on June 1st, as seen at Exeter, accompanied by three drawings, which were exhibited at the Meeting, was received from Henry S. Ellis, Esq.

A note was also received from Mr. Thomas Petty, mentioning his observation on the morning of April 27 of a small but bright Comet, being in fact Comet III., 1863, see *Monthly Notice*, No. 7, pp. 226 and 227.

Corrections to the Translation of Prof. Wolf's Letter,
Monthly Notices, May 8, 1863, No. 7.

(Communicated by the Astronomer Royal.)

Page 208.—The translation from the German is, perhaps a little too literal; and, to remove obscurity, the following modification is desirable:—

Lines 6 and 7, *inclose* in brackets () the clause beginning with “not to enter,” and ending with “in No. 13.”

Lines 20, 21, and 22, *inclose* in brackets () the clause beginning “when occupying myself,” and ending “*(Argo)* Navis.”

Page 228.—Line 20 from the bottom, *for* star, *read* object.

Instruments for Sale.

Astronomical Telescope and Sidereal Clock.—The Telescope is by Tully, 5 ft. 6 in. focal length, 4-in. field, with three common and four astronomical powers, from 60 to 270; rack, vertical and horizontal movements, with Vernier scale to each; mounts on a strong mahogany stand, on a patent equatoreal block; main tube screws in midships, and packs up in a mahogany case, with lamp and illuminating reflector. The Clock by Barraud. Both formerly the property of the celebrated Astronomer, Baily.—Apply to J. STEBBING, Esq., F.R.A.S., Southampton.